

1/5

```

1  gtcgacccac  gcgtccgacc  accttagctg  ccatcactgc  acattggagc  agctttctaa
61  acaggtgcca  ccatgccagt  gaagaagtac  ctgctgaagt  gcctgcacag  gctgcagaag
121  ggcccaggct  acacctacaa  ggagctgcta  gtgtgtgtact  gcaacaacac  caacacacac
181  ggccccaaac  gcatcatctg  cgaggggccc  aagaagaagg  ccatgtgggt  cctgctcacg
241  ctgctcttcg  cctgcctggg  gtgctggcag  tggggcgtct  tcatccagac  ctacctgagc
301  tgggaggtca  gcgtctcgct  ctccatgggc  ttcaagacca  tgaacttccc  agcagtcacc
361  gtctgcaatt  ccagcccctt  ccagtaactc  aaggtaaacg  acttgctgaa  ggacttgtag
421  aagctgatgg  aggctgtcct  ggacaagatt  ctggctccga  agtccagcca  caccaacacc
481  accagtaccc  tgaactttac  catctggaac  cacacgcccc  tggctcctat  tgatgagcgg
541  aaccctgacc  atccagtggg  cctcaacttg  tttggggaca  gccacaacag  cagcaaccca
601  gccccaggaa  gcacctgtaa  tgcccaaggg  tgcaaaagtg  ccatgagggt  gtgcagtgcc
661  aatgggaccg  tgtgtacctt  ccgaaacttc  accagtgcc  cccaggccgt  gactgagtgg
721  tacatcctgc  aggccaccaa  catcttctca  caagtgtctc  cccaggacct  ggtggggatg
781  ggctatgctc  ctgatcgcat  aatcctagcc  tgtctgtttg  gaacggagcc  ctgcagtcac
841  cggaacttca  cacctatctt  ctaccctgat  tatggcaact  gctacatctt  caactggggc
901  atgacagaga  aggcacttcc  ttctgccaac  cctgggactg  aatttggtct  caagttgatc
961  ctggacattg  gtcaggagga  ctatgtcccc  ttcttgctgt  ccacagcagg  ggctaggctg
1021  atgctccacg  agcagaggac  atacccttcc  attagagaag  agggcatcta  tgccatggca
1081  ggaactgaga  cttctattgg  ggtgctgctg  gacaagctgc  agggcaaggg  ggagccatac
1141  agtccctgca  ccatgaacgg  ctccgacgtt  gccattcaga  acctctacag  tgactacaac
1201  acgacctatt  ccatccaggc  ctgccttcat  tcctgtttcc  aagaccacat  gatccataac
1261  tgcagctgtg  gtcactactt  gtaccctttg  cctgctgggg  agaaatactg  caacaacaga
1321  gacttcccag  actgggccta  ctgctaccta  agcctacaga  tgagtgtggg  ccagagagag
1381  acctgcctca  gcatgtgcaa  ggagtcctgc  aacgacacc  agtataagat  gaccatctcc
1441  atggctgact  ggccatccga  ggccctctgag  gattggatcc  tacatgtcct  gtctcaggag
1501  cgggaccaga  gctcaaatat  caccctgagc  aggaagggtg  ttgtcaagct  caatatctac
1561  ttccaagagt  tcaactaccg  taccatcgag  gaatcgccgg  ccaacaatat  cgtgtggctg
1621  ctctctaacc  tgggtggcca  gtttggcttc  tggatggggg  gctcgggtgt  gtgcctcatt
1681  gagtttgggg  agatcattat  cgacttcatt  tggatcactg  tcatcaagct  agtggcctcc
1741  tgtaaaaggc  tgcgcaggag  gcggccacag  cgaccctaca  ctggcccggc  gccactgtg
1801  gccgagctgg  tggaggccca  caccaactgt  gtcttccagc  ctgacacaac  cagctgcagg
1861  cccaatgccg  aggtctaccc  tgaccaacag  actctgcccc  ttccgggcac  tccacctccc
1921  aactatgact  ccctgagggt  gcagcogctg  gacaccatgg  agtctgacag  cgaggtggag
1981  gccatctaga  tccgcatccc  caccgggaa  ctagtgaact  caaaactgag  gagtcacaac
2041  cattgtcagt  gcctcatttc  attagccctt  gtccaaagag  ccagggcaca  gagcccatgt
2101  ccctctggtc  agccccaggc  tgaggggttc  ataggggtca  gatgctggta  ccagaatatt
2161  gaacttgtag  ccttttctag  ctcttgcccc  ccctagcccc  gtctttgtct  tctgttgacc
2221  tagcagacag  gctccagaga  cccatagagt  ccctctcctg  gtgataggcc  acttctctgt
2281  cttgttacaa  cctcagtctc  ccagaatcag  tgaccttgcc  ctagtgggca  ttgggtgaac
2341  cctgttaata  gacttggggg  tgtgcagacc  atagggaggg  agcatcaggt  aagaaggctt
2401  gacaggggag  cacatgcttt  gttagaaaat  aaagagagaa  aacaccgaaa  aaaaaaaaaa
2461  aa

```

Figure 1

2/5

```

1 gagccagcga gccagcgcg gcgggcgggc ggacagatcg gagccgagcg gggccggggcg
61 gggcgctccc tgcagggtc tgcgcggcgt gccgcggcgg ccgcgggctc cggccccggg
121 ccatgagccc ctccgcgact cggcgctgag cccgccaccg gtccagcgcc ccaggacccg
181 ccgccggctg ccggcttgcc gaagccccct caggatcccc tcaacaagga tggaaactgaa
241 ggccgaggag gaggaggtgg gtggcgctca gccggtgagc atccaggcct tcgccagcag
301 ctccacactg cacggcctgg cccacatctt ctctacgag cggctgtctc tgaagcgggc
361 actgtggggc ctgtgcttcc tgggctcgct ggctgtgctg ctgtgtgtgt gcacggagcg
421 tgtgcagtac tacttccact accaccatgt caccaagctc gacgaggtgg ctgcctctca
481 gcttaccttc cctgctgtca cgctgtgcaa cctcaacgag ttccgcttta gccaaagtctc
541 caagaatgac ctgtatcatg ctggggagct gctggccctg ctcaacaaca ggtatgagat
601 accagacaca cagatggcag atgaaaagca gctggagata ctgcaggaca aagccaactt
661 ccgcagcttc aaaccctaac ccttcaacat gcgtgagttc tacgaccgag ctgggacaga
721 cattcgagac atgctgctct cctgccactt ccgggggggag gtctgcagcg ctgaagactt
781 caaggtggtc ttcacacgct atggaaagtg ctacacgttc aactcggggc gagatggggc
841 gccgcggctg aagaccatga aggatgggac gggcaatggg ctggaaatca tgctggacat
901 ccagcaggag gagtacctgc ctgtgtgggg ggagactgac gagactgctc tcgaagcagg
961 catcaaagtg cagatccata gtcaggatga acctcctttc atcgaccagc tgggctttgg
1021 cgtggcccca ggcttccaga cctttgtggc ctgccaggag cagcggctca tctacctgcc
1081 cccaccctgg ggcacctgca aagctgttac catggactcg gatttggatt tcttcgactc
1141 ctacagcatc actgcctgcc gcctcgactg tgagacgcgc tacttggtgg agaactgcaa
1201 ctgccgcatg gtgcacatgc caggggatgc cccatactgt actccagagc agtacaagga
1261 gtgtgcagat cctgctctgg acttcctggt ggagaaggac caggagtact gcgtgtgtga
1321 aatgccttgc aacctgacct gctatggcaa agagctgtcc atggtcaaga tccccagcaa
1381 agcctcagcc aagtacctgg ccaagaagt caacaaatct gagcaatata taggggagaa
1441 catcctgggtg ctggacattt tctttgaagt cctcaactat gagaccattg aacagaagaa
1501 ggcctatgag attgcagggc tctgggtga catcgggggc cagatggggc tgttcacgg
1561 ggccagcatc ctcacgggtc tggagctctt tgactacgcc tacgaggtca ttaagcacia
1621 gctgtgccga cgaggaaaat gccagaagga ggccaaaagg agcagtgcgg acaagggcgt
1681 ggccctcagc ctggacgacg tcaaaagaca caaccctgct gagagccttc ggggccacct
1741 tgccgggatg acatacgctg ccaacatcct acctcaccat ccggcccagc gcacgttcga
1801 ggactttacc tgctgagccc cgcaggccgc tgaaccaaag gcctagatgg ggaggactag
1861 gagagcgrgg gggccccccag ctgcctctct acatctgccc tgggractcc ccacactccg
1921 gggcagatct ttctcttgt ctgtggttaag gaaggagtct tgaccataga gtctctctc
1981 tgctctatc ccattcyttt tacatttaac aaaactaatc taaactaatc ctaaaaggg
2041 agaacggggc aagggacctc aggtgcccc tctctctctc atgtgcctc cctagctcc
2101 cagcctgaat tctgtctatc tagctgtctg ccatctgagt gtccatctac attctgctgc
2161 caccagtca ccaaaggcct tccagtgag ggggtggaagg gatctctggg gtctggaatt
2221 tggcccaaaa ccagagaatg taccttaagg gggagggtca gtgtggggga gggaggcttc
2281 cccagcctta agagacctc tcagcccagt gactgtcccc aaaccctagt ctctggcag
2341 gaactaaaac ctacgcccc cctctctaca ccatgtggaa tctcgtggg gtccgggatc
2401 cccttaagaa gtggtaatgg ggacaagatg cggccctggg gctgtaggct acatcctgat
2461 acctataagt tcacccccac cccacagctg ctggagagaa atcccaagag gcagcccttc
2521 ctacaccatc cattaaagac ckggctggtt agcgtccagc tcaggagaga gggcgctagt
2581 gcctaacctc actggtccct ctccggagg cccttgtaga gggccacgtc cataaatttt
2641 cttatggaac tctccacat cctctctccc aacttctctc gcttctctca acaacctcat
2701 ctgcattttt tatttctata tgatacagac tctatatattg tatatctctg tatatacttt
2761 cccagccctg tctgtctcca ccccatcccc tottgtctct gagaaccatt ctccacccc
2821 aagttccacc ttctatgttt ctactccctc cctggctctc gaatgcctty gcctgtataa
2881 agagttggac tctctccctt ggtgtctgta ctgtgtacac acatccctct gagaagcaca
2941 aggagacgac acgcgcatg taacctttgc actgtctcag tggcgacaaa ggaagctgtg

```

Figure 2-1

3/5

```
3001 aatcacaagc tctgcctctt tctggcctca ccctctcccc caacccgggc accctcggcc
3061 ctccctgcag ccttaacatt ctcttcccc tctcctccta tccattgcc ctctgcccag
3121 ctgacagtgg catccccagg gaaggggttg ctgtagagat agccccacc caggggatgg
3181 aggtctaccc tggacactaa gccaaagtgt tcagagacag aaggagctg gggattggcg
3241 actcctgaag ttggggcagt gggatgctga caggcagaag ctgaggctct cagtcagtgg
3301 cctttcctcc ttctgggtgc ccagccccct ttcctcacct gatacccaag cccaccactt
3361 ttattttctg gtgaggtggg tttgggagga aagagaggcc tagaggagga gttgaaagct
3421 ctgctgttgt ctcaccctat cttaatgaga gacaagtgag gtggagggcc tgccccccct
3481 ccctccacca gacactcctt ccaggcctga gcccacacc ctcttcaggc cttccttccc
3541 tagctgtgtc ttggtcttca atcccagaac aggacctgtg agcagctgca ttggcctgga
3601 gctggagagt aaggctgtag gatctttgga atctcttggg tcctaagagt ttctcagag
3661 atcatacctc cccagaggga agcaggaatg aggccaaaaa gtgtgcattg gataggggaa
3721 cagcaggcag ggctctgggt gacgcatgcc tctggtctaa taaactgggt ttcaaccaaa
3781 aaaaa
```

Figure 2-2

4/5

ENaC β Antisense Treatment Reduces Neuropathic Pain

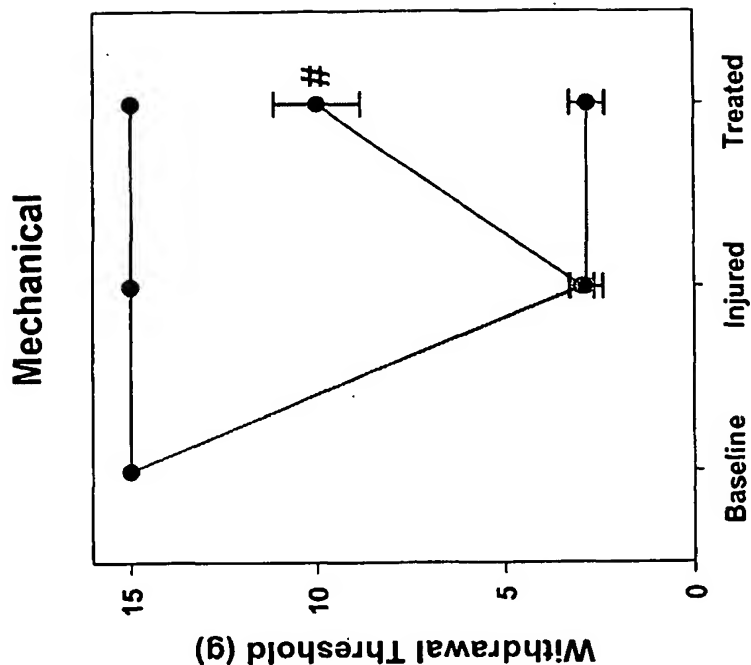


Figure 3B

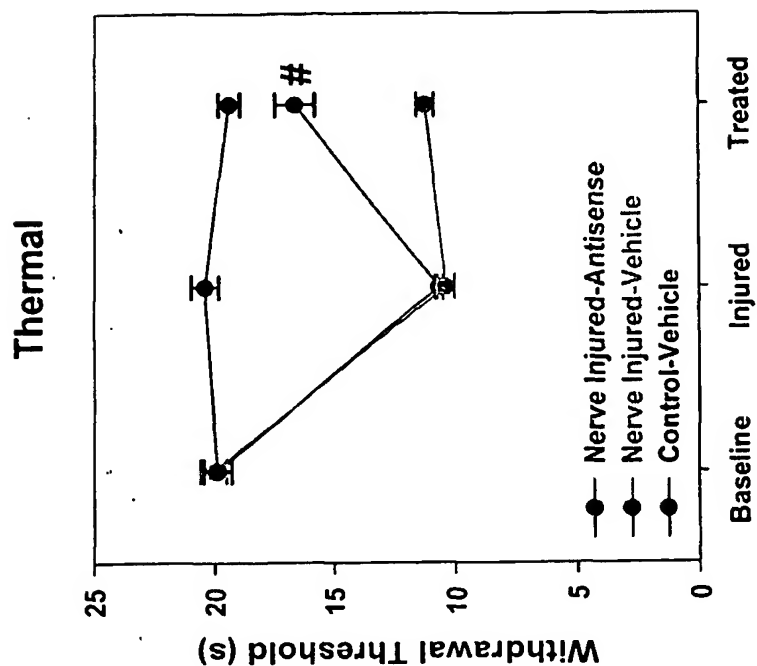


Figure 3A

5/5

ENaC β Antisense Treatment Reduces Inflammatory Pain

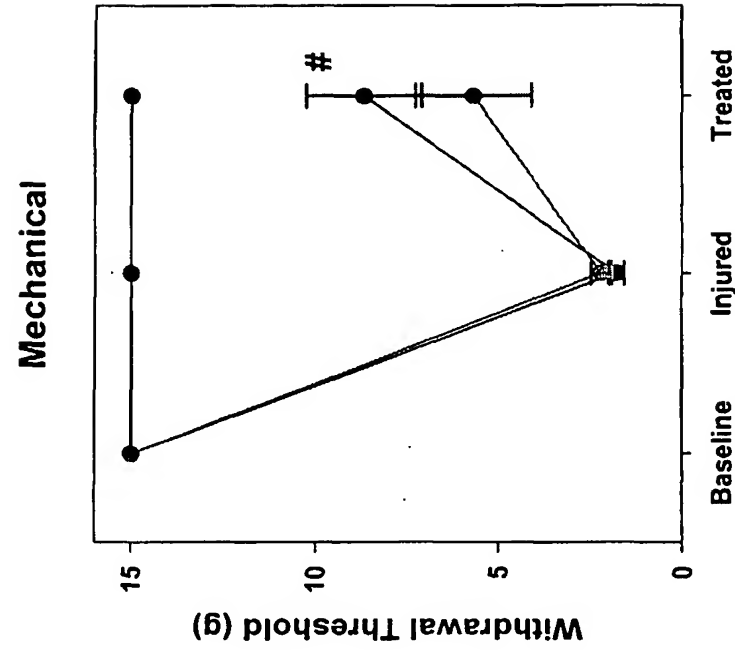


Figure 4B

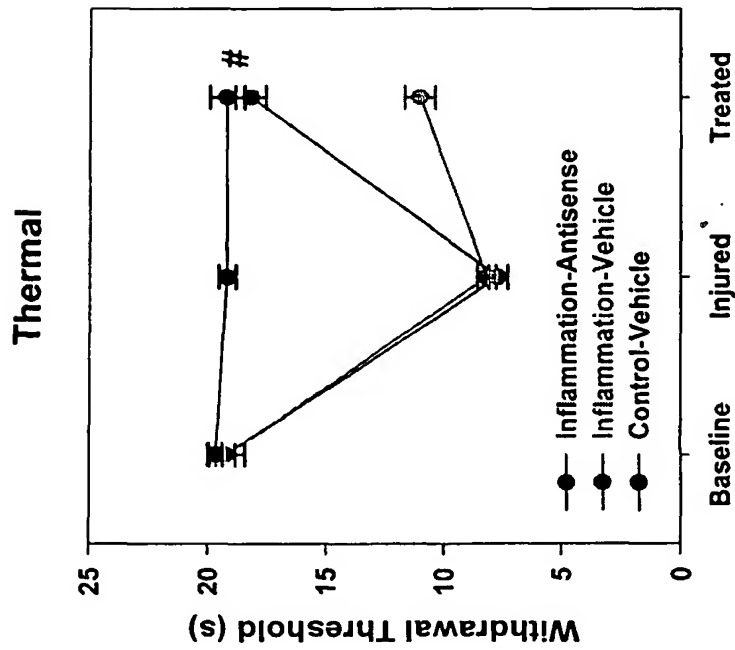


Figure 4A